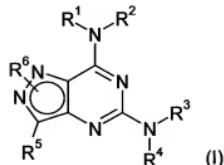


Amendments to the Claims

1. (Currently amended) A compound of formula (I)



wherein

R<sup>1</sup> is a cyclic group selected from R<sup>A</sup>, R<sup>B</sup>, R<sup>C</sup> and R<sup>D</sup>, each of which is optionally substituted with one or more R<sup>7</sup> groups;

R<sup>2</sup> is hydrogen or C<sub>1</sub>-C<sub>2</sub> alkyl;

R<sup>3</sup> and R<sup>4</sup> are each independently C<sub>1</sub>-C<sub>8</sub> alkyl, C<sub>2</sub>-C<sub>8</sub> alkenyl, C<sub>2</sub>-C<sub>8</sub> alkynyl or C<sub>3</sub>-C<sub>10</sub> cycloalkyl, each of which is optionally substituted with one or more R<sup>8</sup> groups, or R<sup>E</sup>, which is optionally substituted with one or more R<sup>9</sup> groups, or hydrogen;

or -NR<sup>3</sup>R<sup>4</sup> forms R<sup>F</sup>, which is optionally substituted with one or more R<sup>10</sup> groups;

R<sup>5</sup> is -Y-CONR<sup>15</sup>R<sup>16</sup>;

R<sup>6</sup>, which may be attached at N<sup>1</sup> or N<sup>2</sup>, is C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> haloalkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl or C<sub>2</sub>-C<sub>8</sub> alkynyl, each of which is optionally substituted by C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> haloalkoxy or a cyclic group selected from R<sup>J</sup>, R<sup>K</sup>, R<sup>L</sup> and R<sup>M</sup>, or R<sup>6</sup> is R<sup>N</sup>, C<sub>3</sub>-C<sub>7</sub> cycloalkyl or C<sub>3</sub>-C<sub>7</sub> halocycloalkyl, each of which is optionally substituted by C<sub>1</sub>-C<sub>6</sub> alkoxy or C<sub>1</sub>-C<sub>6</sub> haloalkoxy, or R<sup>6</sup> is hydrogen;

R<sup>7</sup> is halo, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> haloalkyl, C<sub>2</sub>-C<sub>8</sub> alkenyl, C<sub>2</sub>-C<sub>8</sub> alkynyl, C<sub>3</sub>-C<sub>10</sub> cycloalkyl, C<sub>3</sub>-C<sub>10</sub> halocycloalkyl, phenyl, OR<sup>12</sup>, OC(O)R<sup>12</sup>, NO<sub>2</sub>, NR<sup>12</sup>R<sup>13</sup>, NR<sup>12</sup>C(O)R<sup>13</sup>, NR<sup>12</sup>CO<sub>2</sub>R<sup>14</sup>, C(O)R<sup>12</sup>, CO<sub>2</sub>R<sup>12</sup>, CONR<sup>12</sup>R<sup>13</sup> or CN;

R<sup>8</sup> is halo, phenyl, C<sub>1</sub>-C<sub>6</sub> alkoxyphenyl, OR<sup>12</sup>, OC(O)R<sup>12</sup>, NO<sub>2</sub>, NR<sup>12</sup>R<sup>13</sup>, NR<sup>12</sup>C(O)R<sup>13</sup>, NR<sup>12</sup>CO<sub>2</sub>R<sup>14</sup>, C(O)R<sup>12</sup>, CO<sub>2</sub>R<sup>12</sup>, CONR<sup>12</sup>R<sup>13</sup>, CN, R<sup>G</sup> or R<sup>H</sup>, the last two of which are optionally substituted with one or more R<sup>9</sup> groups;

R<sup>9</sup> is C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> haloalkyl or CO<sub>2</sub>R<sup>12</sup>;

R<sup>10</sup> is halo, C<sub>3</sub>-C<sub>10</sub> cycloalkyl, C<sub>3</sub>-C<sub>10</sub> halocycloalkyl, phenyl, OR<sup>12</sup>, OC(O)R<sup>12</sup>, NO<sub>2</sub>, NR<sup>12</sup>R<sup>13</sup>, NR<sup>12</sup>C(O)R<sup>13</sup>, NR<sup>12</sup>CO<sub>2</sub>R<sup>14</sup>, C(O)R<sup>12</sup>, CO<sub>2</sub>R<sup>13</sup>, CONR<sup>12</sup>R<sup>13</sup>, CN, oxo, C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>6</sub> haloalkyl, the last two of which are optionally substituted by R<sup>11</sup>;

R<sup>11</sup> is phenyl, NR<sup>12</sup>R<sup>13</sup> or NR<sup>12</sup>CO<sub>2</sub>R<sup>14</sup>;

R<sup>12</sup> and R<sup>13</sup> are each independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>6</sub> haloalkyl;

R<sup>14</sup> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>6</sub> haloalkyl;

R<sup>15</sup> and R<sup>16</sup> are each independently selected from

hydrogen,

C<sub>1</sub>-C<sub>6</sub> haloalkyl,

C<sub>1</sub>-C<sub>6</sub> alkyl optionally substituted with

R<sup>17</sup>,

-NR<sup>18</sup>R<sup>19</sup>,

-CO<sub>2</sub>R<sup>20</sup>,

-CONR<sup>21</sup>R<sup>22</sup>,

R<sup>23</sup> or

phenyl optionally substituted by

halo,

C<sub>1</sub>-C<sub>6</sub> alkyl or

R<sup>17</sup>,

C<sub>3</sub>-C<sub>7</sub> cycloalkyl optionally substituted with

C<sub>1</sub>-C<sub>6</sub> alkyl,

R<sup>17</sup> or

-NR<sup>18</sup>R<sup>19</sup>, and

R<sup>23</sup>,

or NR<sup>15</sup>R<sup>16</sup> constitutes are taken together to form a 3- to 8-membered ring which may optionally include containing one or more further heteroatoms selected from nitrogen, oxygen and sulphur, and which may optionally be further substituted with R<sup>17</sup>, C<sub>1</sub>-C<sub>6</sub> haloalkyl, -CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>21</sup>R<sup>22</sup>, oxo or C<sub>1</sub>-C<sub>6</sub> alkyl optionally substituted by R<sup>17</sup>;

R<sup>17</sup> is hydroxy, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> (haloalkyl)oxy or C<sub>3</sub>-C<sub>7</sub> cycloalkyloxy;

R<sup>18</sup> and R<sup>19</sup> are each independently selected from hydrogen and C<sub>1</sub>-C<sub>6</sub> alkyl;

or -NR<sup>18</sup>R<sup>19</sup> constitutes are taken together to form an azetidine, pyrrolidine, piperidine or morpholine ring;

R<sup>20</sup> is hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

R<sup>21</sup> and R<sup>22</sup> are each independently selected from hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> haloalkyl and C<sub>3</sub>-C<sub>7</sub> cycloalkyl;

or -NR<sup>21</sup>R<sup>22</sup> constitutes are taken together to form a 3- to 8-membered ring which may optionally include containing one or more further heteroatoms selected from nitrogen, oxygen and sulphur;

R<sup>23</sup> is a saturated 3- to 8-membered ring which includes containing at least one heteroatom selected from nitrogen, oxygen and sulphur, which ring may optionally be substituted by one or more C<sub>1</sub>-C<sub>6</sub> alkyl groups, provided that the group R<sup>23</sup> is joined to the parent molecule by a covalent bond to a carbon atom of said ring;

R<sup>A</sup> and R<sup>J</sup> are each independently a C<sub>3</sub>-C<sub>10</sub> cycloalkyl or C<sub>3</sub>-C<sub>10</sub> cycloalkenyl group, each of which may be either monocyclic or, when there are an appropriate number of ring atoms, polycyclic and which may be fused to either

- (a) a monocyclic aromatic ring selected from a benzene ring and a 5- or 6-membered heteroaromatic ring containing up to three heteroatoms selected from nitrogen, oxygen and sulphur, or
- (b) a 5-, 6- or 7-membered heteroalicyclic ring containing up to three heteroatoms selected from nitrogen, oxygen and sulphur;

R<sup>B</sup> and R<sup>K</sup> are each independently a phenyl or naphthyl group, each of which may be fused to

- (a) a C<sub>5</sub>-C<sub>7</sub> cycloalkyl or C<sub>5</sub>-C<sub>7</sub> cycloalkenyl ring,
- (b) a 5-, 6- or 7-membered heteroalicyclic ring containing up to three heteroatoms selected from nitrogen, oxygen and sulphur, or

(c) a 5- or 6-membered heteroaromatic ring containing up to three heteroatoms selected from nitrogen, oxygen and sulphur;

$R^C$ ,  $R^L$  and  $R^N$  are each independently a monocyclic or, when there are an appropriate number of ring atoms, polycyclic saturated or partly unsaturated ring system containing between 3 and 10 ring atoms, of which at least one is a heteroatom selected from nitrogen, oxygen and sulphur, which ring may be fused to a  $C_5$ - $C_7$  cycloalkyl or  $C_5$ - $C_7$  cycloalkenyl group or a monocyclic aromatic ring selected from a benzene ring and a 5- or 6-membered heteroaromatic ring containing up to three heteroatoms selected from nitrogen, oxygen and sulphur;

$R^D$  and  $R^M$  are each independently a 5- or 6-membered heteroaromatic ring containing up to three heteroatoms independently selected from nitrogen, oxygen and sulphur, which ring may further be fused to

- (a) a second 5- or 6-membered heteroaromatic ring containing up to three heteroatoms selected from nitrogen, oxygen and sulphur;
- (b)  $C_5$ - $C_7$  cycloalkyl or  $C_5$ - $C_7$  cycloalkenyl ring;
- (c) a 5-, 6- or 7-membered heterocyclic ring containing up to three heteroatoms selected from nitrogen, oxygen and sulphur; or
- (d) a benzene ring;

$R^E$ ,  $R^F$  and  $R^G$  are each independently a monocyclic or, when there are an appropriate number of ring atoms, polycyclic saturated ring system containing between 3 and 10 ring atoms, of which at least one is a heteroatom selected from nitrogen, oxygen and sulphur;

$R^H$  is a 5- or 6-membered heteroaromatic ring containing up to three heteroatoms independently selected from nitrogen, oxygen and sulphur; and

Y is a covalent bond,  $C_1$ - $C_6$  alkenyl or  $C_3$ - $C_7$  cycloalkenyl;

a tautomer thereof or a pharmaceutically acceptable salt, solvate or polymorph of said compound or tautomer.

2. (Currently amended) A compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein R<sup>1</sup> is R<sup>A</sup>, which is optionally substituted with one or more R<sup>7</sup> groups; and

R<sup>A</sup> is a C<sub>3</sub>-C<sub>10</sub> cycloalkyl group, which may be either monocyclic or, when there are an appropriate number of ring atoms, polycyclic, which may be fused to either

(a) a monocyclic aromatic ring selected from a benzene ring and a 5- or 6-membered heteroaromatic ring containing up to three heteroatoms selected from nitrogen, oxygen and sulphur, or

(b) a 5-, 6- or 7-membered heterocyclic ring containing up to three heteroatoms selected from nitrogen, oxygen and sulphur.

3. (Currently amended) A compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein R<sup>1</sup> is R<sup>B</sup>, R<sup>C</sup>, or R<sup>D</sup> each optionally substituted with one or more R<sup>7</sup> groups, wherein

R<sup>B</sup> is phenyl,

R<sup>C</sup> is a monocyclic saturated or partly unsaturated ring system containing between 5 and 7 ring atoms, of which at least one is a heteroatom selected from nitrogen, oxygen and sulphur,

R<sup>D</sup> is furanyl, thieryl, pyrrolyl, pyrazolyl, imidazolyl, isoxazolyl, oxazolyl, isothiazolyl, thiazolyl, oxadiazolyl, pyridyl, pyridazinyl, pyrimidyl or pyrazinyl, and

R<sup>7</sup> is fluoro, methyl, ethyl, hydroxy, methoxy, propoxy or CONHMe.

4. (Currently amended) A compound according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, wherein R<sup>2</sup> is hydrogen or methyl.

5. (Currently amended) A compound according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, wherein 1 to 4 wherein R<sup>3</sup> is hydrogen or C<sub>1</sub>-C<sub>4</sub> alkyl, which is optionally substituted with one or more R<sup>8</sup> groups, or R<sup>3</sup> is azetidinyl, pyrrolidinyl or piperidinyl, each of which is optionally substituted with one or more R<sup>9</sup> groups, wherein

R<sup>8</sup> is hydroxy, methoxy, methoxyphenyl, NH<sub>2</sub>, NHMe, NMe<sub>2</sub>, NHCO<sub>2</sub>'Bu, NMeCO<sub>2</sub>'Bu, CO<sub>2</sub>H, CONHMe, pyrrolidinyl, piperidinyl, morpholinyl or pyrazolyl, the last four of which are optionally substituted with one or more R<sup>9</sup> groups, and

R<sup>9</sup> is methyl or CO<sub>2</sub>'Bu.

6. (Currently amended) A compound according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, 4 to 5 wherein R<sup>4</sup> is hydrogen, methyl or ethyl.

7. (Currently amended) A compound according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, 4 to 6 wherein -NR<sup>3</sup>R<sup>4</sup> forms R<sup>F</sup>, which is optionally substituted with one or more R<sup>10</sup> groups, wherein

R<sup>F</sup> is selected from azetidinyl, pyrrolidinyl, piperidinyl, piperazinyl, morpholinyl, 3-azabicyclo[3.1.0]hex-3-yl, homopiperazinyl, 2,5-diazabicyclo[4.3.0]non-2-yl, 3,8-diazabicyclo[3.2.1]oct-3-yl, 3,8-diazabicyclo[3.2.1]oct-8-yl, 1,4-diazabicyclo[4.3.0]non-4-yl and 1,4-diazabicyclo[3.2.2]non-4-yl, and

R<sup>10</sup> is halo, methyl, ethyl, isopropyl, hydroxy, methoxy, NH<sub>2</sub>, NHMe, NMe<sub>2</sub>, NHCO<sub>2</sub>'Bu, CO<sub>2</sub>H, CO<sub>2</sub>'Bu, oxo, benzyl, -CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>NHMe, CH<sub>2</sub>NMe<sub>2</sub> or -CH<sub>2</sub>NMeCO<sub>2</sub>'Bu.

8. (Currently amended) A compound according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, 4 to 7 wherein

R<sup>15</sup> and R<sup>16</sup> are each independently selected from hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl optionally substituted with R<sup>17</sup>, -NR<sup>18</sup>R<sup>19</sup>, -CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>21</sup>R<sup>22</sup>, R<sup>23</sup> or phenyl optionally substituted by halo, C<sub>1</sub>-C<sub>6</sub> alkyl or R<sup>17</sup>, C<sub>3</sub>-C<sub>7</sub> cycloalkyl and R<sup>23</sup>, or NR<sup>15</sup>R<sup>16</sup> constitutes are taken together to form a 5- to 7-membered ring which may optionally include containing one or more further heteroatoms selected from nitrogen and oxygen, and which may optionally be further substituted with R<sup>17</sup>, -CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>21</sup>R<sup>22</sup> or C<sub>1</sub>-C<sub>6</sub> alkyl optionally substituted by R<sup>17</sup>;

R<sup>17</sup> is hydroxy, C<sub>1</sub>-C<sub>6</sub> alkoxy or C<sub>3</sub>-C<sub>7</sub> cycloalkyloxy;

R<sup>21</sup> and R<sup>22</sup> are each independently selected from hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, and C<sub>3</sub>-C<sub>7</sub> cycloalkyl, or NR<sup>21</sup>R<sup>22</sup> constitutes are taken together to form a 5- to 8-

membered ring which may optionally include containing one or more further heteroatoms selected from nitrogen and oxygen; and

$R^{23}$  is a saturated 5- to 7-membered ring which includes containing at least one heteroatom selected from nitrogen and oxygen, which ring may optionally be substituted by one or more  $C_1$ - $C_6$  alkyl groups.

9. (Currently amended) A compound according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, 4-to-8 wherein  $R^6$  is positioned on  $N^1$ .

10. (Currently amended) A compound according to claim 9, or a pharmaceutically acceptable salt thereof, wherein  $R^6$  is hydrogen, methyl, ethyl, isopropyl, isobutyl, methoxyethyl, methoxypropyl, ethoxyethyl, ethoxypropyl, propoxyethyl, 2,2,2-trifluoroethyl, tetrahydrofurylmethyl, tetrahydropyranlmethyl, tetrahydropyranyl or pyridinylmethyl.

11. (Currently amended) A compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein

$R^1$  is a cyclic group selected from  $R^A$ ,  $R^B$ ,  $R^C$  and  $R^D$ , each of which is optionally substituted with one or more  $R^7$  groups;

$R^7$  is halo,  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  haloalkyl,  $OR^{12}$  or  $CONR^{12}R^{13}$ ;

$R^8$  is halo, phenyl,  $C_1$ - $C_6$  alkoxyphenyl,  $OR^{12}$ ,  $NR^{12}R^{13}$ ,  $NR^{12}CO_2R^{14}$ ,  $CO_2R^{12}$ ,  $CONR^{12}R^{13}$ ,  $R^G$  or  $R^H$ , the last two of which are optionally substituted with one or more  $R^8$  groups;

$R^A$  is a monocyclic  $C_5$ - $C_7$  cycloalkyl group;

$R^B$  is phenyl;

$R^C$  is a monocyclic saturated ring system containing between 5 and 7 ring atoms, of which at least one is a heteroatom selected from nitrogen, oxygen and sulphur;

$R^D$  is a 5-membered heteroaromatic ring containing a heteroatom selected from nitrogen, oxygen and sulphur and optionally up to two further nitrogen atoms in the ring, or a 6-membered heteroaromatic ring including 1, 2 or 3 nitrogen atoms;

$R^E$  is a monocyclic saturated ring system containing between 3 and 7 ring atoms containing one nitrogen atom;

$R^F$  is a monocyclic or, when there are an appropriate number of ring atoms, polycyclic saturated ring system containing between 3 and 10 ring atoms containing at least one nitrogen atom and optionally one other atom selected from oxygen and sulphur;

$R^G$  is a monocyclic saturated ring system containing between 3 and 7 ring atoms, of which at least one is a heteroatom selected from nitrogen, oxygen and sulphur; and

$R^H$  is a 5- or 6-membered heteroaromatic ring containing up to two nitrogen atoms.

$R^3$  is hydrogen,  $C_1$ - $C_4$  alkyl, which is optionally substituted with one or more  $R^8$  groups, or  $R^E$ , which is optionally substituted with one or more  $R^9$  groups;

$R^4$  is hydrogen,  $C_1$ - $C_6$  alkyl or  $C_1$ - $C_6$  haloalkyl;

or  $-NR^3R^4$  forms  $R^F$ , which is optionally substituted with one or more  $R^{10}$  groups;

$R^6$  is  $C_1$ - $C_4$  alkyl or  $C_1$ - $C_4$  haloalkyl, each of which is optionally substituted by  $C_1$ - $C_4$  alkoxy,  $C_1$ - $C_4$  haloalkoxy or a cyclic group selected from  $R^J$ ,  $R^L$  and  $R^M$ , or  $R^6$  is  $R^N$  or hydrogen;

$R^J$  is cyclopropyl or cyclobutyl;

R<sup>L</sup> and R<sup>N</sup> are each independently a monocyclic saturated ring system containing either 5 or 6 ring atoms, of which at least one is a heteroatom selected from nitrogen, oxygen and sulphur;

R<sup>M</sup> is a 5- or 6-membered heteroaromatic ring containing a heteroatom selected from nitrogen, oxygen and sulphur; and

Y is a covalent bond.

12. (Currently amended) A compound according to claim 1, or a pharmaceutically acceptable salt thereof, selected from:

1-(2-ethoxyethyl)-N-ethyl-5-(ethylamino)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

5-(dimethylamino)-1-(2-ethoxyethyl)-N-methyl-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

5-(dimethylamino)-1-(2-ethoxyethyl)-N-(2-(methylamino)ethyl)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

5-(dimethylamino)-N-(2-(dimethylamino)ethyl)-1-(2-ethoxyethyl)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

5-(dimethylamino)-1-(2-ethoxyethyl)-7-(4-methylpyridin-2-ylamino)-N-(piperidin-4-yl)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

5-(dimethylamino)-1-(2-ethoxyethyl)-N-(2-methoxyethyl)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

(2*R*)-2-[(5-(dimethylamino)-1-(2-ethoxyethyl)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carbonyl]amino]propionic acid,

3-[(5-(dimethylamino)-1-(2-ethoxyethyl)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carbonyl]amino]propionic acid,

1-(2-ethoxyethyl)-*N*-methyl-7-(4-methylpyridin-2-ylamino)-5-(piperazin-1-yl)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-*N*-methyl-5-((3*R*)-3-methylpiperazin-1-yl)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-*N*-ethyl-5-((3*R*)-3-methylpiperazin-1-yl)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-5-(ethylamino)-*N*-methyl-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-*N*-(2-methoxyethyl)-5-(methylamino)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

5-(dimethylamino)-1-(2-ethoxyethyl)-*N*-(2-hydroxyethyl)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-5-(ethylamino)-*N*-(2-methoxyethyl)-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-5-(*N*-(2-hydroxyethyl)-*N*-methylamino)-*N*-methyl-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-5-((2-methoxyethyl)amino)-*N*-methyl-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide,

7-(cyclohexylamino)-1-(2-ethoxyethyl)-*N*-methyl-5-((3*R*)-3-methylpiperazin-1-yl)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide, and

1-(2-ethoxyethyl)-*N*-methyl-5-[*N*-methyl-*N*-(3*S*)-1-methylpyrrolidin-3-yl)amino]-7-(4-methylpyridin-2-ylamino)-1*H*-pyrazolo[4,3-*d*]pyrimidine-3-carboxamide

and tautomers thereof and pharmaceutically acceptable salts, solvates and polymorphs of said compound or tautomer.

13. (Original) A pharmaceutical composition comprising a compound of formula (I) as claimed in any one of claims 1 to 12 claim 1, or a pharmaceutically acceptable salt solvates or polymorphs thereof, and a pharmaceutically acceptable diluent or carrier.

14. – 15. (Canceled)

16. (New) A method of treating a disease, disorder or condition in a mammal, said method comprising administering to said mammal in need thereof a therapeutically effective amount of a compound of claim 1, or a pharmaceutically acceptable salt thereof, or a pharmaceutical composition comprising a compound of claim 1 or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable diluent or carrier, wherein said disease, disorder or condition is male erectile disorder or pulmonary hypertension.